

Flood Control Project Maintenance
2014 Structure Summary Report
Overall Unit and Item Ratings

San Joaquin County Flood Control and Water Conservation District

Duck Creek Diversion Weir And Control Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	A
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	A
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2014 Structure Summary Report
Overall Unit and Item Ratings

San Joaquin County Flood Control and Water Conservation District (cont.)

Mormon Slough Pumping Plant No. 1

Overall Unit Rating	Rated Item	Item Rating
A	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	A
	Communications	A
	Safety	A
	Cranes	N
	Pumps	A
	Power	A
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	A
	Sumps/Wet Well	A
	Trash Racks	A
	Trash Rakes	N
	Sluice / Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	A
	Closure Structures	N
	Security Fencing	M
	Intake and Discharge Pipes	A

Mormon Slough Pumping Plant No. 2

Overall Unit Rating	Rated Item	Item Rating
A	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	A
	Communications	A
	Safety	A
	Cranes	N
	Pumps	A
	Power	A
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	A
	Sumps/Wet Well	A
	Trash Racks	A
	Trash Rakes	N
	Sluice / Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	A
	Closure Structures	N
	Security Fencing	A
	Intake and Discharge Pipes	A

Flood Control Project Maintenance
2014 Structure Summary Report
Overall Unit and Item Ratings

San Joaquin County Flood Control and Water Conservation District (cont.)

Mormon Slough Pumping Plant No. 3

Overall Unit Rating	Rated Item	Item Rating
A	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	A
	Communications	A
	Safety	A
	Cranes	N
	Pumps	A
	Power	A
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	A
	Sumps/Wet Well	A
	Trash Racks	A
	Trash Rakes	N
	Sluice / Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	A
	Closure Structures	N
	Security Fencing	A
	Intake and Discharge Pipes	A

Flood Control Project Maintenance**Unit Cover Sheet****2014 Structure Inspection Results****San Joaquin County Flood Control and Water Conservation District**

Structure
Duck Creek Diversion Weir And Control Structure

Structure Rating	A
Date of Inspection	07/22/2014
DWR Inspector	Pavel Kazi
Accompanied By	Jim Caruso SJCFC&WCD

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/22/2014 07/22/2014	Pavel Kazi

LM Start	0.00	Rating **	N	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Photo Documentation	37.938383 °		37.938383 °	
		-120.990133 °		-120.990133 °	
DWR ID	DWR_NA0017_5_t_2013_24				
Action/Comments					
Inspector Comments: Duck Creek Diversion Structure works as a control weir for Duck Creek and also diverts the overflow of the channel to Duck Creek Diversion channel which connects with Little John Creek.					

Photo 1 of 1 : ST_2014_NA0017_5_24_20140709_00008.jpg



View of the Duck Creek Diversion Weir.

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			37.938383 °	37.938383 °
				-120.990133 °	-120.990133 °
DWR ID	DWR_NA0017_5_t_2012_2				
Action/Comments					
Inspector Comments: There was minimal vegetation around the structure. The flow was not impeded.					

Photo 1 of 2 : ST_2014_NA0017_5_2_20140731_00009.jpg



Vegetation around the structure looking downstream during 2014 inspection.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/22/2014 07/22/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	2 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Vegetation & Obstructions			37.938383 °	37.938383 °	
				-120.990133 °	-120.990133 °	
DWR ID	DWR_NA0017_5_t_2012_2					
Action/Comments						
Inspector Comments: There was minimal vegetation around the structure. The flow was not impeded.						

Photo 2 of 2 : ST_2014_NA0017_5_2_20140709_00001.jpg



View of the vegetation around the structure looking downstream during 2013 inspection.

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Shoaling / Sedimentation			37.938383 °	37.938383 °
				-120.990133 °	-120.990133 °
DWR ID	DWR_NA0017_5_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling or sediment was present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Erosion / Bank Caving	37.938383 °		37.938383 °	
		-120.990133 °		-120.990133 °	
DWR ID	DWR_NA0017_5_t_2012_4				
Action/Comments					
Inspector Comments: No erosion or bank caving was observed.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/22/2014 07/22/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			37.938383 °	37.938383 °
				-120.990133 °	-120.990133 °
DWR ID	DWR_NA0017_5_t_2012_5				
Action/Comments					
Inspector Comments: Existing riprap protection was properly maintained.					

Photo 1 of 2 : ST_2014_NA0017_5_5_20140731_00010.jpg



View of the revetments looking upstream of the structure during 2014 inspection.

LM Start	0.00	Rating **	A	Issue No.	5 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2014_NA0017_5_5_20140709_00002.jpg



View of the existing revetments during 2013 inspection.

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.938383 °	37.938383 °
				-120.990133 °	-120.990133 °
DWR ID	DWR_NA0017_5_t_2012_6				
Action/Comments					
Inspector Comments: No trash or debris were found around the					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/22/2014 07/22/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	7	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Culverts: Inlets / Outlets			37.938383 °	37.938383 °	
				-120.990133 °	-120.990133 °	
DWR ID	DWR_NA0017_5_t_2012_7					
Action/Comments						
Inspector Comments: The culvert's inlet and outlet were free of any debris.						

Photo 1 of 2 : ST_2014_NA0017_5_7_20140731_00011.jpg



View of the inlet of the culvert.

LM Start	0.00	Rating **	A	Issue No.	7 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2014_NA0017_5_7_20140731_00012.jpg



View of the outlet of the culvert.

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Breaks / Holes / Cracks			37.938383 °	37.938383 °
				-120.990133 °	-120.990133 °
DWR ID	DWR_NA0017_5_t_2012_8				
Action/Comments					
Inspector Comments: No visible cracks or holes were found that would					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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U : Unacceptable
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/22/2014 07/22/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	9	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Metal Pipes			37.938383 °	37.938383 °	
				-120.990133 °	-120.990133 °	
DWR ID	DWR_NA0017_5_t_2012_9					
Action/Comments						
Inspector Comments: The corrugated pipes inside the culvert appeared to be in good condition.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			37.938383 °	37.938383 °
				-120.990133 °	-120.990133 °
DWR ID	DWR_NA0017_5_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Flap Gates	37.938383 °		37.938383 °	
		-120.990133 °		-120.990133 °	
DWR ID	DWR_NA0017_5_t_2012_11				
Action/Comments					
Inspector Comments: No flap gates were present at this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/22/2014 07/22/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			37.938383 °	37.938383 °
				-120.990133 °	-120.990133 °
DWR ID	DWR_NA0017_5_t_2012_12				
Action/Comments					
Inspector Comments: The gates appeared to be in good working condition.					

Photo 1 of 2 : ST_2014_NA0017_5_12_20140731_00013.jpg



View of the slide gate during 2014 inspection.

LM Start	0.00	Rating **	A	Issue No.	12 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2014_NA0017_5_12_20140709_00005.jpg



View of the slide gate.

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			37.938383 °	37.938383 °
				-120.990133 °	-120.990133 °
DWR ID	DWR_NA0017_5_t_2012_13				
Action/Comments					
Inspector Comments: No electric gate operator was found at this					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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M : Minimally Acceptable
U : Unacceptable
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/22/2014 07/22/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			37.938383 °	37.938383 °
				-120.990133 °	-120.990133 °
DWR ID	DWR_NA0017_5_t_2012_14				
Action/Comments					
Inspector Comments: The manual gate appeared to be operational.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Surfaces	37.938383 °		37.938383 °	
		-120.990133 °		-120.990133 °	
DWR ID	DWR_NA0017_5_t_2012_15				
Action/Comments					
Inspector Comments: The concrete surfaces had minor cracking and the surface was weathered but they didn't pose any threats to the integrity of the structure.					

Photo 1 of 2 : ST_2014_NA0017_5_15_20140731_00014.jpg



View of the weir and the concrete surface during 2014 inspection.

Photo 2 of 2 : ST_2014_NA0017_5_15_20140709_00006.jpg



View of the weir.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/22/2014 07/22/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			37.938383 °	37.938383 °
				-120.990133 °	-120.990133 °
DWR ID	DWR_NA0017_5_t_2012_16				
Action/Comments					
Inspector Comments: No visible sliding or settlement was found on the					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			37.938383 °	37.938383 °
				-120.990133 °	-120.990133 °
DWR ID	DWR_NA0017_5_t_2012_17				
Action/Comments					
Inspector Comments: No scouring or erosion was found near the structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			37.938383 °	37.938383 °
				-120.990133 °	-120.990133 °
DWR ID	DWR_NA0017_5_t_2012_18				
Action/Comments					
Inspector Comments: No security fence was found in this structure.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/22/2014 07/22/2014	Pavel Kazi

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			37.938383 °	37.938383 °
				-120.990133 °	-120.990133 °
DWR ID	DWR_NA0017_5_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			37.938383 °	37.938383 °
				-120.990133 °	-120.990133 °
DWR ID	DWR_NA0017_5_t_2012_20				
Action/Comments					
Inspector Comments: Trash rakes don't exist on this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	37.938383 °		37.938383 °	
		-120.990133 °		-120.990133 °	
DWR ID	DWR_NA0017_5_t_2012_21				
Action/Comments					
Inspector Comments: All metal parts appeared to be in good condition.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/22/2014 07/22/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.938383 °	37.938383 °
				-120.990133 °	-120.990133 °
DWR ID	DWR_NA0017_5_t_2012_22				
Action/Comments					
Inspector Comments: All the monolith joint materials appeared to be in good condition.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Safety			37.938383 °	37.938383 °
				-120.990133 °	-120.990133 °
DWR ID	DWR_NA0017_5_t_2012_23				
Action/Comments					
Inspector Comments: The wood railing top of the culvert appeared to provide adequate protection against fall hazards.					

Photo 1 of 1 : ST_2014_NA0017_5_23_20140731_00015.jpg



View of the railing top of the culvert.

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			37.938383 °	37.938383 °
				-120.990133 °	-120.990133 °
DWR ID	DWR_NA0017_5_t_2013_1				
Action/Comments					
Inspector Comments: The LMA has the proper O&M manuals.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance**Unit Cover Sheet****2014 Pumping Plant Inspection Results****San Joaquin County Flood Control and Water Conservation District**

Pumping Plant
Mormon Slough Pumping Plant No. 1

Pumping Plant Rating	A
Date of Inspection	07/25/2014
DWR Inspector	Pavel Kazi
Accompanied By	Jay Jauregui SJCFD

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Operating Log			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_1				
Action/Comments					
Inspector Comments: Operating log was maintained and present at the pumping plant, but it wasn't up to date.					

Photo 1 of 1 : ST_2014_NA0017_18_1_20140805_00012.jpg



View of the operation log in the plant.

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_2				
Action/Comments					
Inspector Comments: The O&M Manual was located next to the operating log.					

Photo 1 of 1 : ST_2014_NA0017_18_2_20140709_00002.jpg



View of the O&M manual inside the plant.

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Plant Building			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_3				
Action/Comments					
Inspector Comments: The plant building was in good structural condition.					

Photo 1 of 1 : ST_2014_NA0017_18_3_20140805_00013.jpg



View of the pumping plant.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Communications			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_4				
Action/Comments					
Inspector Comments: District personnel carry cell phones for communication.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Safety			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_5				
Action/Comments					
Inspector Comments: There were no safety hazards found around the structure and the guard rails around the structure were in good condition.					

Photo 1 of 1 : ST_2014_NA0017_18_5_20140805_00014.jpg



View of the guard rails around the plant.

LM Start	0.00	Rating **	N	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Cranes			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_6				
Action/Comments					
Inspector Comments: No crane was present at this plant.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Pumps			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_7				
Action/Comments					
Inspector Comments: All pumps were appeared to be in working condition and they were maintained, lubricated and tested periodically.					

Photo 1 of 2 : ST_2014_NA0017_18_7_20140805_00015.jpg



View of the one of the pumps inside the plant.

LM Start	0.00	Rating **	A	Issue No.	7 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2014_NA0017_18_7_20140805_00016.jpg



View of another pump inside the plant.

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Power			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_8				
Action/Comments					
Inspector Comments: The power source appeared to be safe and					

Photo 1 of 1 : ST_2014_NA0017_18_8_20140805_00017.jpg



View of the power source next to the pumping plant.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Motors, Engines, Fans & Gear Reducers			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_10				
Action/Comments					
Inspector Comments: The vent fan was operational.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Pump Control Systems			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_11				
Action/Comments					
Inspector Comments: The pump control systems were maintained properly and appeared to be free of damage.					

Photo 1 of 1 : ST_2014_NA0017_18_11_20140805_00018.jpg



View of the pump control system inside the plant.

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Sumps/Wet Well			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_12				
Action/Comments					
Inspector Comments: The wet well was completely dry and very little debris was present during inspection.					

Photo 1 of 1 : ST_2014_NA0017_18_12_20140805_00019.jpg



View of the dry wet well.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_13				
Action/Comments					
Inspector Comments: Trash Racks were properly maintained and clear of debris.					

Photo 1 of 1 : ST_2014_NA0017_18_13_20140805_00020.jpg



View of the trash racks.

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_14				
Action/Comments					
Inspector Comments: Trash rakes don't exist at this plant.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Sluice / Slide Gates			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_15				
Action/Comments					
Inspector Comments: The slide gate appeared to be in good condition.					

Photo 1 of 1 : ST_2014_NA0017_18_15_20140805_00021.jpg



View of the slide gate.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	N	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_16				
Action/Comments					
Inspector Comments: The item does not apply to the pumping plant.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_17				
Action/Comments					
Inspector Comments: Manual gate operator was in good operational condition.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Other Metallic Items			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_18				
Action/Comments					
Inspector Comments: All metal parts appeared to be in good condition.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_19				
Action/Comments					
Inspector Comments: The flap gates appeared to be in good working condition.					

Photo 1 of 1 : ST_2014_NA0017_18_19_20140805_00022.jpg



View of the flap gates.

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_20				
Action/Comments					
Inspector Comments: No closure structure was present at this plant.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_21				
Action/Comments					
Inspector Comments: Security fencing appeared to be in good condition.					

Photo 1 of 1 : ST_2014_NA0017_18_21_20140805_00023.jpg



View of the security fence around the pumping plant.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Intake and Discharge Pipes			37.989633 °	37.989633 °
				-121.266933 °	-121.266933 °
DWR ID	DWR_NA0017_18_t_2012_22				
Action/Comments					
Inspector Comments: The pipes appeared to be in good working condition.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance**Unit Cover Sheet****2014 Pumping Plant Inspection Results****San Joaquin County Flood Control and Water Conservation District**

Pumping Plant
Mormon Slough Pumping Plant No. 2

Pumping Plant Rating	A
Date of Inspection	07/25/2014
DWR Inspector	Pavel Kazi
Accompanied By	Jay Jauregui SJCFD

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	1	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Pump Stations			GPS Latitude/Longitude		
				Start	End	
Item	Operating Log			37.982317 °	37.982317 °	
				-121.249433 °	-121.249433 °	
DWR ID	DWR_NA0017_19_t_2012_1					
Action/Comments						
Inspector Comments: Operational log was present at the pump station.						

Photo 1 of 1 : ST_2014_NA0017_19_1_20140804_00011.jpg



View of the operation log inside the pumping plant.

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_2				
Action/Comments					
Inspector Comments: O&M Manual was found at the plant next to the operating log during the inspection.					

Photo 1 of 1 : ST_2014_NA0017_19_2_20140709_00002.jpg



View of the O&M manual inside the pumping plant.

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Plant Building			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_3				
Action/Comments					
Inspector Comments: The plant building was in good structural condition without any major cracks in the concrete.					

Photo 1 of 1 : ST_2014_NA0017_19_3_20140804_00012.jpg



View of the pumping plant.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Communications			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_4				
Action/Comments					
Inspector Comments: District personnel carry cell phones.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Safety			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_5				
Action/Comments					
Inspector Comments: No safety hazard was found around the structure. All hand rails were in working condition.					

Photo 1 of 1 : ST_2014_NA0017_19_5_20140804_00013.jpg



View of the hand rails around the pumping plant.

LM Start	0.00	Rating **	N	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Cranes			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_6				
Action/Comments					
Inspector Comments: No crane exists at this plant.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Pumps			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_7				
Action/Comments					
Inspector Comments: The pumps appeared to be well maintained and lubricated properly and the pumping system was tested periodically.					

Photo 1 of 1 : ST_2014_NA0017_19_7_20140804_00014.jpg



View of the pumps inside the pumping plant.

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Power			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_8				
Action/Comments					
Inspector Comments: The power source appeared to be safe and reliable.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Motors, Engines, Fans & Gear Reducers			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_10				
Action/Comments					
Inspector Comments: The vent fan was operational during the inspection.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Pump Control Systems			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_11				
Action/Comments					
Inspector Comments: The pump control system was maintained to be free of corrosion or any damage.					

Photo 1 of 1 : ST_2014_NA0017_19_11_20140804_00015.jpg



View of the power control system.

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Sumps/Wet Well			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_12				
Action/Comments					
Inspector Comments: The wet well appeared to be clear of excessive debris or sediments.					

Photo 1 of 1 : ST_2014_NA0017_19_12_20140804_00016.jpg



View of the wet well.

LM Start	0.00	Rating **	A	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_13				
Action/Comments					
Inspector Comments: Trash racks were properly maintained and free of any debris.					

Photo 1 of 1 : ST_2014_NA0017_19_13_20140804_00017.jpg



View of the trash racks.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_14				
Action/Comments					
Inspector Comments: Trash rakes are not installed in this facility.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Sluice / Slide Gates			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_15				
Action/Comments					
Inspector Comments: The slide gate appeared to be operational.					

Photo 1 of 1 : ST_2014_NA0017_19_15_20140804_00018.jpg



View of the slide gate.

LM Start	0.00	Rating **	N	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_16				
Action/Comments					
Inspector Comments: This item was not present at this location.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_17				
Action/Comments					
Inspector Comments: Manual gate operator appeared to be in good condition.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Other Metallic Items			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_18				
Action/Comments					
Inspector Comments: All the metal parts appeared to be in good condition.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_19				
Action/Comments					
Inspector Comments: Flap gates were in good condition and showed no damage.					

Photo 1 of 1 : ST_2014_NA0017_19_19_20140709_00010.jpg



View of the flap gates.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_20				
Action/Comments					
Inspector Comments: No closure structure was present at this plant.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2012_21				
Action/Comments					
Inspector Comments: Security fencing was in good condition without any damage.					

Photo 1 of 1 : ST_2014_NA0017_19_21_20140804_00019.jpg



View of the security fencing.

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Intake and Discharge Pipes			37.982317 °	37.982317 °
				-121.249433 °	-121.249433 °
DWR ID	DWR_NA0017_19_t_2013_22				
Action/Comments					
Inspector Comments: The pipes were free of any breaks, holes or cracks.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance**Unit Cover Sheet****2014 Pumping Plant Inspection Results****San Joaquin County Flood Control and Water Conservation District**

Pumping Plant
Mormon Slough Pumping Plant No. 3

Pumping Plant Rating	A
Date of Inspection	07/25/2014
DWR Inspector	Pavel Kazi
Accompanied By	Jay Jauregui SJCFD

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Operating Log			37.973983 °	37.973983 °
				-121.229967 °	-121.229967 °
DWR ID	DWR_NA0017_20_t_2012_1				
Action/Comments					
Inspector Comments: Maintenance log was present at the pumping plant, but it wasn't up to date.					

Photo 1 of 1 : ST_2014_NA0017_20_1_20140801_00011.jpg



View of the operating log inside the pumping plant, but the log didn't appear to be up to date.

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			37.973983 °	37.973983 °
				-121.229967 °	-121.229967 °
DWR ID	DWR_NA0017_20_t_2012_2				
Action/Comments					
Inspector Comments: The O&M Manual was present at the pumping plant next to the operating log.					

Photo 1 of 1 : ST_2014_NA0017_20_2_20140801_00012.jpg



View of the O&M manual inside the pumping plant.

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Plant Building			37.973983 °	37.973983 °
				-121.229967 °	-121.229967 °
DWR ID	DWR_NA0017_20_t_2012_3				
Action/Comments					
Inspector Comments: The plant building appeared to be in good structural condition.					

Photo 1 of 1 : ST_2014_NA0017_20_3_20140804_00024.jpg



View of the pumping plant.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	4	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Pump Stations			GPS Latitude/Longitude		
				Start	End	
Item	Communications			37.973983 °	37.973983 °	
				-121.229967 °	-121.229967 °	
DWR ID	DWR_NA0017_20_t_2012_4					
Action/Comments						
Inspector Comments: The district personnel carry cell phones.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Safety			37.973983 °	37.973983 °
				-121.229967 °	-121.229967 °
DWR ID	DWR_NA0017_20_t_2012_5				
Action/Comments					
Inspector Comments: No safety hazard was found around the pumping plant and guard rails around the plant were in a good condition.					

Photo 1 of 1 : ST_2014_NA0017_20_5_20140804_00014.jpg



View of the guard rails around the pumping plant.

LM Start	0.00	Rating **	N	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Cranes			37.973983 °	37.973983 °
				-121.229967 °	-121.229967 °
DWR ID	DWR_NA0017_20_t_2012_6				
Action/Comments					
Inspector Comments: There are no cranes in this plant.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Pumps			37.973983 °	37.973983 °
				-121.229967 °	-121.229967 °
DWR ID	DWR_NA0017_20_t_2012_7				
Action/Comments					
Inspector Comments: All pumps were appeared to be in good condition and maintained properly.					

Photo 1 of 2 : ST_2014_NA0017_20_7_20140804_00015.jpg



View of one of the two pumps inside the pumping plant.

Photo 2 of 2 : ST_2014_NA0017_20_7_20140804_00016.jpg



View of another pump inside the pumping plant.

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Power			37.973983 °	37.973983 °
				-121.229967 °	-121.229967 °
DWR ID	DWR_NA0017_20_t_2012_8				
Action/Comments					
Inspector Comments: The power source appeared to be safe and					

Photo 1 of 1 : ST_2014_NA0017_20_8_20140804_00017.jpg



View of the power source for the pumping plant.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Motors, Engines, Fans & Gear Reducers			37.973983 °	37.973983 °
				-121.229967 °	-121.229967 °
DWR ID	DWR_NA0017_20_t_2012_10				
Action/Comments					
Inspector Comments: Pumping motors appeared to be operational and lubrication was maintained on all the pumps.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Pump Control Systems			37.973983 °	37.973983 °
				-121.229967 °	-121.229967 °
DWR ID	DWR_NA0017_20_t_2012_11				
Action/Comments					
Inspector Comments: The pump control system appeared to be operational and free of damage.					

Photo 1 of 1 : ST_2014_NA0017_20_11_20140804_00018.jpg



View of the power control systems inside the plant.

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Sumps/Wet Well			37.973983 °	37.973983 °
				-121.229967 °	-121.229967 °
DWR ID	DWR_NA0017_20_t_2012_12				
Action/Comments					
Inspector Comments: Wet well was clear of any excessive debris.					

Photo 1 of 1 : ST_2014_NA0017_20_12_20140804_00019.jpg



View of wet well.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	13	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Pump Stations			GPS Latitude/Longitude		
				Start	End	
Item	Trash Racks			37.973983 °	37.973983 °	
				-121.229967 °	-121.229967 °	
DWR ID	DWR_NA0017_20_t_2012_13					
Action/Comments						
Inspector Comments: The trash racks were free of any debris.						

Photo 1 of 1 : ST_2014_NA0017_20_13_20140804_00020.jpg



View of the trash racks.

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			37.973983 °	37.973983 °
				-121.229967 °	-121.229967 °
DWR ID	DWR_NA0017_20_t_2012_14				
Action/Comments					
Inspector Comments: This item does not exist at this location.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Sluice / Slide Gates			37.973983 °	37.973983 °
				-121.229967 °	-121.229967 °
DWR ID	DWR_NA0017_20_t_2012_15				
Action/Comments					
Inspector Comments: Slide gates appeared to be free of sediment and obstructions.					

Photo 1 of 1 : ST_2014_NA0017_20_15_20140804_00021.jpg



View of the slide gate.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	N	Issue No.	16	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Pump Stations			GPS Latitude/Longitude		
				Start	End	
Item	Electric Gate Operators			37.973983 °	37.973983 °	
				-121.229967 °	-121.229967 °	
DWR ID	DWR_NA0017_20_t_2012_16					
Action/Comments						
Inspector Comments: This item does not exist at this location.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			37.973983 °	37.973983 °
				-121.229967 °	-121.229967 °
DWR ID	DWR_NA0017_20_t_2012_17				
Action/Comments					
Inspector Comments: Manual gate appeared to be in good working condition.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Other Metallic Items			37.973983 °	37.973983 °
				-121.229967 °	-121.229967 °
DWR ID	DWR_NA0017_20_t_2012_18				
Action/Comments					
Inspector Comments: Other metallic parts within the pumping plant appeared to be in a good condition.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			37.973983 °	37.973983 °
				-121.229967 °	-121.229967 °
DWR ID	DWR_NA0017_20_t_2012_19				
Action/Comments					
Inspector Comments: Flap gates were appeared to be in good condition.					

Photo 1 of 1 : ST_2014_NA0017_20_19_20140804_00022.jpg



View of the flap gates.

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			37.973983 °	37.973983 °
				-121.229967 °	-121.229967 °
DWR ID	DWR_NA0017_20_t_2012_20				
Action/Comments					
Inspector Comments: This item does not exist at this location.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			37.973983 °	37.973983 °
				-121.229967 °	-121.229967 °
DWR ID	DWR_NA0017_20_t_2012_21				
Action/Comments					
Inspector Comments: Security fencing was undamaged and prevented unauthorized access.					

Photo 1 of 1 : ST_2014_NA0017_20_21_20140804_00023.jpg



View of the security fencing.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
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+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/25/2014 07/25/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Intake and Discharge Pipes			37.973983 °	37.973983 °
				-121.229967 °	-121.229967 °
DWR ID	DWR_NA0017_20_t_2012_22				
Action/Comments					
Inspector Comments: Pipes appeared to be in good condition.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
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+ Issue Type

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